



FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0623.1090001/EKS/BJD	APPLICATION NO. 09/877,244
		APPLICANT STADDON et al.	
		FILING DATE June 11, 2001	GROUP 16451647

U.S. PATENT DOCUMENTS

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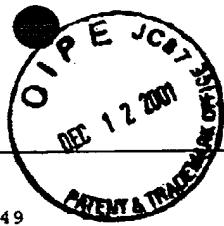
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>BL</i>	AR	<u>13</u>	Madara, J.L., "Tight Junction Dynamics: Is Paracellular Transport Regulated?," Cell 53:497-498, Cell Press (1988).
<i>BL</i>	AS	<u>13</u>	Martinez-Palomo, A., et al., "Experimental Modulation of Occluding Junctions in a Cultured Transporting Epithelium," J. Cell Biol. 87:736-745, The Rockefeller University Press (1980).
<i>BL</i>	AT	<u>13</u>	Matsuyoshi, N., et al., "Cadherin-Mediated Cell-Cell Adhesion Is Perturbed by v-src Tyrosine Phosphorylation in Metastatic Fibroblasts," J. Cell Biol. 118:703-714, The Rockefeller University Press (1992).

EXAMINER <i>David</i>	DATE CONSIDERED 6/12/03
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	



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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>BL</i>	AR	<u>14</u>	Morgan, L., et al., "Molecular Control of Blood Brain Barrier Permeability," Abstract (distributed at meeting) from 8th International Workshop on in Vitro Toxicology, Zurich, Switzerland, September 20-23, 1994.
<i>BL</i>	AS	<u>14</u>	Mullin, J.M., et al., "Modulation of tumor necrosis factor-induced increase in renal (LLC-PK ₁) transepithelial permeability," Am. J. Physiol. 263:F915-F924, American Physiological Society (1992).
<i>BL</i>	AT	<u>14</u>	Musil, L.S., et al., "Differential Phosphorylation of the Gap Junction Protein Connexin43 in Junctional Communication-competent and -deficient Cell Lines," J. Cell Biol. 111:2077-2088, The Rockefeller University Press (1990).

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PATY. DOCKET NO.

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APPLICATION NO.

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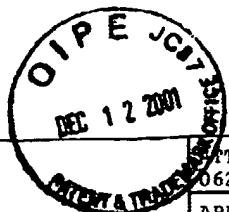
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>BL</i>	AR	<u>15</u>	Neufeld, G., et al., "Similarities and differences between the vascular endothelial growth factor (VEGF) splice variants," <i>Cancer Metastasis Rev.</i> 15:153-158, Kluwer Academic Publishers (1996).
<i>BL</i>	AS	<u>15</u>	Ojakian, G.K., "Tumor Promoter-Induced Changes in the Permeability of Epithelial Cell Tight Junctions," <i>Cell</i> 23:95-103, MIT (1981).
<i>BL</i>	AT	<u>15</u>	Ratcliffe, M.J., et al., "Dephosphorylation of the Cadherin-associated p100/p120 Proteins in Response to Activation of Protein Kinase C in Epithelial Cells," <i>J. Biol. Chem.</i> 272:31894-31901, The American Society for Biochemistry and Molecular Biology, Inc. (December 1997).

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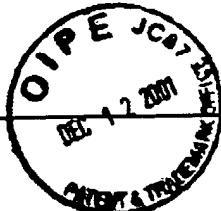
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>Br</i>	AR	<u>16</u>	Ratcliffe, M.J., et al., "Dephosphorylation of the catenins p120 and p100 in endothelial cells in response to inflammatory stimuli," <i>Biochem. J.</i> 338:471-478, Biochemical Society (1999).
<i>Bx</i>	AS	<u>15</u>	Rubin, L.L., et al., "A Cell Culture Model of the Blood-Brain Barrier," <i>J. Cell Biol.</i> 115:1725-1735, The Rockefeller University Press (1991).
<i>Br</i>	AT	<u>16</u>	Rubin, L.L., "Endothelial cells: adhesion and tight junctions," <i>Curr. Opin. Cell Biol.</i> 4:830-833, Current Biology Ltd. (1992).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>Bz</i>	AR	18	Rubin, L.L., et al., "Tight Junctions and the Blood-Brain Barrier," in: <i>Cell Culture in Pharmaceutical Research</i> , Fusenig, N.E., and Graf, H., eds., Berlin: Springer-Verlag, pp. 69-77 (1994).
<i>Bz</i>	AS	18	Rubin, L.L., et al., "Signal Transduction in Brain Endothelial Cells," Paper (distributed at meeting) presented at INSERM Meeting No. 67, In Vitro Models for Drug Transport Across Epithelial and Endothelial Barriers, Le Vesinet, France, October 13-14, 1994.
<i>Bz</i>	AT	18	Rutten, M.J., et al., "Electrical resistance and macromolecular permeability of brain endothelial monolayer cultures," <i>Brain Res.</i> 425:301-310, Elsevier Science (1987).

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	AL						Yes No
	AM						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>BL</i>	AR	<u>17</u>	Rubin, L.L., and Staddon, J.M., "Regulation Of Blood-Brain Barrier Permeability," Abstract (distributed at meeting) from XXXII International Union of Physiological Sciences (IUPS) Congress, Glasgow, UK, August 4-6, 1993.
<i>BL</i>	AS	<u>17</u>	Rubin, L.L., et al., "Tight Junctions And The Blood-Brain Barrier," Abstract (distributed at meeting) from Association pour la Recherche sur La Sclerose en Plaques (ARSEP), Paris, France, December 1-2, 1993.
<i>BL</i>	AT	<u>17</u>	Rubin, L.L., et al., "Signal Transduction And The Blood-Brain Barrier," Abstract (distributed at meeting) from 17th Annual Meeting of the European Neuroscience Association, Vienna, Austria, September 4-8, 1994.

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>BL</i>	AR	<u>19</u>	Soler, A.P., et al., "Tissue remodeling during tumor necrosis factor-induced apoptosis in LLC-PK ₁ renal epithelial cells," Am. J. Physiol. 270:F869-F879, American Physiological Society (1996).
<i>BL</i>	AS	<u>19</u>	Staddon, J.M., et al., "Tyrosine Phosphatase Inhibitors Increase Tight Junctional Permeability in Strain I MDCK Cells," Mol. Biol. Cell 4(Suppl.):103a, Abstract No. 599, American Society for Cell Biology (1993).
<i>BL</i>	AT	<u>19</u>	Staddon, J.M., et al., "Tyrosine Phosphorylation and Tight Junction Permeability. I," Abstract (distributed at meeting) from Autumn Meeting of the British Society for Cell Biology, University of Oxford, UK, September 18-21, 1994.

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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>AR</i>	AR	20	Staddon, J.M., et al., "Evidence that tyrosine phosphorylation may increase tight junction permeability," <i>J. Cell Sci.</i> 108(2):609-619, The Company Of Biologists Ltd. (1995).
<i>AS</i>	AS	20	Staddon, J.M., et al., "p120, a p120-Related Protein (p100), and the Cadherin/Catenin Complex," <i>J. Cell Biol.</i> 130:369-381, The Rockefeller University Press (1995).
<i>AT</i>	AT	20	Stelzner, T.J., et al., "Role of Cyclic Adenosine Monophosphate in the Induction of Endothelial Barrier Properties," <i>J. Cell. Physiol.</i> 139:157-166, Alan R. Liss, Inc. (1989).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>BL</i>	AR	21	Stevenson, B.R., et al., "Phosphorylation of the tight-junction protein ZO-1 in two strains of Madin-Darby canine kidney cells which differ in transepithelial resistance," <i>Biochem. J.</i> 263:597-599, Portland Press Ltd. (1989).
<i>BL</i>	AS	21	Sun, L., et al., "Synthesis and Biological Evaluations of 3-Substituted Indolin-2-ones: A Novel Class of Tyrosine Kinase Inhibitors That Exhibit Selectivity toward Particular Receptor Tyrosine Kinases," <i>J. Med. Chem.</i> 41:2588-2603, American Chemical Society (July 1998).
<i>BL</i>	AT	21	Swenson, K.I., et al., "Tyrosine phosphorylation of the gap junction protein connexin43 is required for the pp60 ^{-/-} -induced inhibition of communication," <i>Cell Regul.</i> 1:989-1002, The American Society for Cell Biology (1990).

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AP							Yes No

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<i>AR</i>	AR	22	Tsukita, S., et al., "Specific Proto-Oncogenic Tyrosine Kinases of src Family Are Enriched in Cell-to-Cell Adherens Junctions Where the Level of Tyrosine Phosphorylation Is Elevated," J. Cell Biol. 113:867-879, The Rockefeller University Press (1991).
<i>AS</i>	AS	22	Tsukita, S., et al., "Submembranous Junctional Plaque Proteins Include Potential Tumor Suppressor Molecules," J. Cell Biol. 123(5):1049-1053, The Rockefeller University Press (1993).
<i>AT</i>	AT	22	Vermeulen, S., et al., "Regulation of the Invasion Suppressor Function of the Cadherin/Catenin Complex," Path. Res. Pract. 192:694-707, Gustav Fischer Verlag (1996).

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AO							Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>BC</i>	AR	<u>23</u>	Volberg, T., et al., "The effect of tyrosine-specific protein phosphorylation on the assembly of adherens-type junctions," <i>EMBO J.</i> 11:1733-1742, Oxford University Press (1992). 7
<i>BC</i>	AS	<u>23</u>	Warren, S.L., and Nelson, W.J., "Nonmitogenic Morphoregulatory Action of pp60 ^{v-myc} on Multicellular Epithelial Structures," <i>Mol. Cell. Biol.</i> 7:1326-1337, American Society for Microbiology (1987). 1
<i>BC</i>	AT	<u>23</u>	Wong, E.Y.M., et al., "Vascular endothelial growth factor stimulates desphosphorylation of the catenins p120 and p100 in endothelial cells," <i>Biochem. J.</i> 346:209-216, Biochemical Society (2000). +

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AN							Yes No
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<i>Al</i>	AR	24	Uehara, Y., et al., "Irreversible Inhibition Of V-src Tyrosine Kinase Activity By Herbimycin A And Its Abrogation By Sulfhydryl Compounds," Biochem. Biophys. Res. Commun. 163:803-809, Academic Press, Inc. (1989).
<i>Al</i>	AS	24	English-language abstract for Japanese patent document No. JP 4-13631 (Doc. Ref. No. AM1), Derwent WPI Accession No. 8942154.
	AT	24	Pending Non-Provisional United States Patent Application No. 09/848,351, Staddon et al., filed May 4, 2001

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